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Transmitted herewith for filing is the Patent Application of:

Inventors: Alok Aggarwal, Manika Kapoor, Abhinanda Sarkar,
Lakshmi Ramachandran

For: CLUSTERING IN WIRELESS AD HOC NETWORKS

Enclosed are:

X 12 Sheets of Drawings.

X An assignment of the invention to International Business Machines Corporation, Armonk, New York 10504.

 A certified copy of a application.

X Executed Declaration and Power of Attorney.

 Associate Power of Attorney.

Information Disclosure Statement with form PTO-1449 with references attached.

The filing fee has been calculated as shown below:

(Col. 1)		(Col. 2)	OTHER THAN A SMALL ENTITY	
FOR:	NO. FILED	NO. EXTRA	RATE	FEE
BASIC FEE	<div style="background-color: black; width: 100px; height: 1.2em;"></div>		<div style="background-color: black; width: 100px; height: 1.2em;"></div>	\$ 690.00
TOTAL CLAIMS	25 - 20 =	5	X \$ 18 =	\$ 90.00
INDEP CLAIMS	3 - 3 =	0	X \$ 78 =	\$ 0.00
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENTED			+ \$ 260=	\$ 0.00
If the difference in Col. 1 is less than			TOTAL	\$ 780.00

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x Please charge my Deposit Account No. 09-0468 in the amount of \$ 780.00.

x The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 09-0468. A duplicate copy of this sheet is enclosed.

x Any additional filing fees required under 37 CFR 1.16.

x Any patent application processing fees under 35 CFR 1.17.

Respectfully submitted,

By Stephen C. Kaufman
 Stephen C. Kaufman
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Date of Deposit: Aug. 8, 2000

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Docket No. JP9 2000 9226

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Clustering in Wireless AD HOC Networks

the specification of which (check one)

☒ X is attached hereto.

_____ was filed on _____ as

Application Serial No. _____

and was amended on _____
(if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)			Priority Claimed	
			Yes	No
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	____	____
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	____	____
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	____	____

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

(Application Number) _____
(Filing Date)

(Application Number) _____
(Filing Date)

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States Application(s) listed below and, Insofar as the subject matter of each of the claims of the application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose information material to the patentability of this application as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application;

(Application Serial No.) _____
(Filing Date) _____
(Status) (patented, pending, abandoned)

(Application Serial No.) _____
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(Status) (patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon.

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